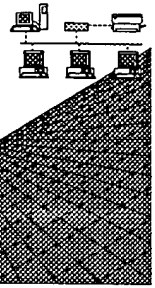


C. Kaufman

BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 09/157,289 B
Art Unit / Team No. : 1646
Date Processed by STIC: 08/03/99

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,

2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

MARK SPENCER 703-308-4212

Raw Sequence Listing Error Summary

ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER: 09/157,289B

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics The number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".
- 2 Wrapped Aminos The amino acid number/text at the end of each line "wrapped " down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".
- 3 Incorrect Line Length The rules require that a line not exceed 72 characters in length. This includes spaces.
- 4 Misaligned Amino Acid The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs
Numbering between the numbering. It is recommended to delete any tabs and use spacing between the numbers.
- 5 Non-ASCII This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.
Please ensure your subsequent submission is saved in ASCII text so that it can be processed.
- 6 Variable Length Sequence(s) contain n's or Xaa's which represented more than one residue.
As per the rules, each n or Xaa can only represent a single residue.
Please present the maximum number of each residue having variable length and
indicate in the (ix) feature section that some may be missing.
- 7 PatentIn ver. 2.0 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid
sequence(s) . Normally, PatentIn would automatically generate this section from the
previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section
to the subsequent amino acid sequence.
- 8 Skipped Sequences Sequence(s) missing. If intentional, please use the following format for each skipped sequence:
(OLD RULES) (2) INFORMATION FOR SEQ ID NO:X:
 (i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")
 (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X:
 This sequence is intentionally skipped

Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).
- 9 Skipped Sequences Sequence(s) missing. If intentional, please use the following format for each skipped sequence.
(NEW RULES) <210> sequence id number
 <400> sequence id number
 000
- 10 Use of n's or Xaa's Use of n's and/or Xaa's have been detected in the Sequence Listing.
(NEW RULES) Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 11 Use of <213>Organism Sequence(s) are missing this mandatory field or its response.
(NEW RULES)
- 12 ✓ Use of <220>Feature Sequence(s) 3,5,6,7, maybe more are missing the <220>Feature and associated headings.
(NEW RULES) Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"
Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)
- 13 PatentIn ver. 2.0 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted
file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing).
Instead, please use "File Manager" or any other means to copy file to floppy disk.

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/157,289BDATE: 08/03/1999
TIME: 16:22:43

Input Set: I157289B.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

see page 5

Does Not Comply
Corrected Diskette Needed

1 <110> APPLICANT: ASHKENAZI, AVI J.
2 BOTSTEIN, DAVID.
3 DODGE, KELLY H.
4 GURNEY, AUSTIN L.
5 KIM, KYUNG JIN
6 LAWRENCE, DAVID A.
7 PITTI, ROBERT
8 ROY, MARGARET A.
9 TUMAS, DANIEL B.
10 WOOD, WILLIAM I.
11 GENENTECH INC.
12 <120> TITLE OF INVENTION: DcR3 Polypeptide, A TNFR Homolog
13 <130> FILE REFERENCE: 11669.31US03
14 <140> CURRENT APPLICATION NUMBER: US/09/157,289B
15 <141> CURRENT FILING DATE: 1998-09-18
16 <150> EARLIER APPLICATION NUMBER: 60/059,288
17 <151> EARLIER FILING DATE: 1997-09-18
18 <150> EARLIER APPLICATION NUMBER: 60/094,640
19 <151> EARLIER FILING DATE: 1998-07-30
20 <160> NUMBER OF SEQ ID NOS: 16
21 <170> SOFTWARE: PatentIn Ver. 2.0
22 <210> SEQ ID NO 1
23 <211> LENGTH: 300
24 <212> TYPE: PRT
25 <213> ORGANISM: Homo sapiens
26 <400> SEQUENCE: 1
27 Met Arg Ala Leu Glu Gly Pro Gly Leu Ser Leu Leu Cys Leu Val Leu
28 1 5 10 15
29 Ala Leu Pro Ala Leu Leu Pro Val Pro Ala Val Arg Gly Val Ala Glu
30 20 25 30
31 Thr Pro Thr Tyr Pro Trp Arg Asp Ala Glu Thr Gly Glu Arg Leu Val
32 35 40 45
33 Cys Ala Gln Cys Pro Pro Gly Thr Phe Val Gln Arg Pro Cys Arg Arg
34 50 55 60
35 Asp Ser Pro Thr Thr Cys Gly Pro Cys Pro Pro Arg His Tyr Thr Gln
36 65 70 75 80
37 Phe Trp Asn Tyr Leu Glu Arg Cys Arg Tyr Cys Asn Val Leu Cys Gly
38 85 90 95
39 Glu Arg Glu Glu Glu Ala Arg Ala Cys His Ala Thr His Asn Arg Ala
40 100 105 110
41 Cys Arg Cys Arg Thr Gly Phe Phe Ala His Ala Gly Phe Cys Leu Glu
42 115 120 125
43 His Ala Ser Cys Pro Pro Gly Ala Gly Val Ile Ala Pro Gly Thr Pro
44 130 135 140

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/157,289B

DATE: 08/03/1999

TIME: 16:22:43

Input Set: I157289B.RAW

```

45      Ser Gln Asn Thr Gln Cys Gln Pro Cys Pro Pro Gly Thr Phe Ser Ala
46      145                      150                      155                      160
47      Ser Ser Ser Ser Ser Glu Gln Cys Gln Pro His Arg Asn Cys Thr Ala
48                      165                      170                      175
49      Leu Gly Leu Ala Leu Asn Val Pro Gly Ser Ser Ser His Asp Thr Leu
50                      180                      185                      190
51      Cys Thr Ser Cys Thr Gly Phe Pro Leu Ser Thr Arg Val Pro Gly Ala
52                      195                      200                      205
53      Glu Glu Cys Glu Arg Ala Val Ile Asp Phe Val Ala Phe Gln Asp Ile
54                      210                      215                      220
55      Ser Ile Lys Arg Leu Gln Arg Leu Leu Gln Ala Leu Glu Ala Pro Glu
56      225                      230                      235                      240
57      Gly Trp Gly Pro Thr Pro Arg Ala Gly Arg Ala Ala Leu Gln Leu Lys
58                      245                      250                      255
59      Leu Arg Arg Arg Leu Thr Glu Leu Leu Gly Ala Gln Asp Gly Ala Leu
60                      260                      265                      270
61      Leu Val Arg Leu Leu Gln Ala Leu Arg Val Ala Arg Met Pro Gly Leu
62                      275                      280                      285
63      Glu Arg Ser Val Arg Glu Arg Phe Leu Pro Val His
64      290                      295                      300

```

65 <210> SEQ ID NO 2

66 <211> LENGTH: 1114

67 <212> TYPE: DNA

68 <213> ORGANISM: Homo sapiens

69 <220> FEATURE:

70 <221> NAME/KEY: unsure

71 <222> LOCATION: (1090)

72 <223> OTHER INFORMATION: n = any nucleotide

73 <400> SEQUENCE: 2

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74      tccgcaggcg gaccgggggc aaaggaggtg gcatgtcggg caggcacagc agggtcctgt 60
75      gtccgcgctg agccgcgctc tccctgctcc agcaaggacc atgagggcgc tggaggggcc 120
76      aggcctgtcg ctgctgtgcc tgggtgttgg gctgcctgcc ctgctgccgg tgccggctgt 180
77      acgcggagtg gcagaaacac ccacctacce ctggcgggac gcagagacag gggagcggct 240
78      ggtgtgcgcc cagtgcctcc caggcacctt tgtgcagcgg ccgtgccgcc gagacagccc 300
79      cagcagctgt ggcctgtgtc caccgcgcca ctacacgcag ttctggaact acctggagcg 360
80      ctgccgttac tgcaacgtcc tctgcgggga gcgtgaggag gaggcacggg cttgccacgc 420
81      caccacaac cgtgcctgcc gctgcgcgac cggcttcttc gcgcacgctg gtttctgctt 480
82      ggagcacgca tcgtgtccac ctgggtgccg cgtgattgcc ccgggcaccc ccagccagaa 540
83      cagcagtgcc cagccgtgcc cccagggcac cttctcagcc agcagctcca gctcagagca 600
84      gtgccagccc caccgcaact gcacggccct gggcctggcc ctcaatgtgc caggctcttc 660
85      ctcccatgac accctgtgca ccagctgcac tggcttcccc ctcagcacca gggtagcagg 720
86      agctgaggag tgtgagcgtg ccgtcatoga ctttgtggct ttccaggaca tctccatcaa 780
87      gaggctgcag cggctgtgtc aggcctctga ggccccggag ggctggggtc cgacaccaag 840
88      ggcgggccgc gcggccttgc agctgaagct gcgtcggcgg ctcacggagc tcttgggggc 900
89      gcaggacggg gcgctgtgtg tgcggctgct gcaggcgctg cgcgtggcca ggatgcccg 960
90      gctggagcgg agcgtccgtg agcgttctcc cctctgcac tgatcctggc cccctcttat 1020
91      ttattctaca tctttggcac ccacttgca ctgaaagagg ctttttttta aatagaagaa 1080
92      atgaggtttn ttaaaaaaaaa aaaaaaaaaa aaaa 1114

```

W-->

93 <210> SEQ ID NO 3

94 <211> LENGTH: 491

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RAW SEQUENCE LISTING

PATENT APPLICATION US/09/157,289B

DATE: 08/03/1999

TIME: 16:22:43

Input Set: I157289B.RAW

95 <212> TYPE: DNA
 96 <213> ORGANISM: Unknown
 97 <220> FEATURE:
 98 <221> NAME/KEY: unsure
 99 <222> LOCATION: (62)
 100 <223> OTHER INFORMATION: n = any nucleotide
 101 <220> FEATURE:
 102 <221> NAME/KEY: unsure
 103 <222> LOCATION: (73)
 104 <223> OTHER INFORMATION: n = any nucleotide
 105 <220> FEATURE:
 106 <221> NAME/KEY: unsure
 107 <222> LOCATION: (86)
 108 <223> OTHER INFORMATION: n = any nucleotide
 109 <220> FEATURE:
 110 <221> NAME/KEY: unsure
 111 <222> LOCATION: (98)
 112 <223> OTHER INFORMATION: n = any nucleotide
 113 <400> SEQUENCE: 3
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 115 antaactgga gcnctgccgc tactgnaacg tcctctgnng ggagcgtgag gaggaggcac 120
 116 gggcttgcca cgccaccac aaccgtgct gccgctgccg caccggcttc ttcgcgcacg 180
 117 ctggtttctg cttggagcac gcatcgtgtc cacctggtgc cggcgtgatt gccccgggca 240
 118 cccccagcca gaacacgcag tgccatagccg tgccccccag gcaccttctc agccagcagc 300
 119 tccagctcag agcagtgccg gccccaccgc aactgcacgg ccctgggcct ggccctcaat 360
 120 gtgccagget cttcctccca tgacaccctg tgaccagct gcactggctt cccctcagc 420
 121 accagggtac caggagctga ggagtgtgag cgtgccgtca tcgactttgt ggctttccag 480
 122 gacatctcca t 491
 123 <210> SEQ ID NO 4
 124 <211> LENGTH: 73
 125 <212> TYPE: DNA
 126 <213> ORGANISM: Unknown
 127 <220> FEATURE:
 128 <221> NAME/KEY: misc_feature
 129 <222> LOCATION: (1)..(73)
 130 <223> OTHER INFORMATION: Description of Unknown Organism: UNKNOWN
 131 <400> SEQUENCE: 4
 132 gccgagacag cccacgacg tgtggcccg gtccaccg cgccactacacg cattctggaa 60
 133 ctacctggag cgc 73
 134 <210> SEQ ID NO 5
 135 <211> LENGTH: 271
 136 <212> TYPE: DNA
 137 <213> ORGANISM: Unknown
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 140 <222> LOCATION: (42)
 141 <223> OTHER INFORMATION: n = any nucleotide
 142 <220> FEATURE:
 143 <221> NAME/KEY: unsure
 144 <222> LOCATION: (62)

W-->

see item 12 on
Error summary sheet

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/157,289BDATE: 08/03/1999
TIME: 16:22:43

Input Set: I157289B.RAW

145 <223> OTHER INFORMATION: n = any nucleotide
146 <220> FEATURE:
147 <221> NAME/KEY: unsure
148 <222> LOCATION: (73)
149 <223> OTHER INFORMATION: n = any nucleotide
150 <220> FEATURE:
151 <221> NAME/KEY: unsure
152 <222> LOCATION: (86)
153 <223> OTHER INFORMATION: n = any nucleotide
154 <220> FEATURE:
155 <221> NAME/KEY: unsure
156 <222> LOCATION: (98)
157 <223> OTHER INFORMATION: n = any nucleotide
158 <220> FEATURE:
159 <221> NAME/KEY: unsure
160 <222> LOCATION: (106)
161 <223> OTHER INFORMATION: n = any nucleotide
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163 <221> NAME/KEY: unsure
164 <222> LOCATION: (120)
165 <223> OTHER INFORMATION: n = any nucleotide
166 <220> FEATURE:
167 <221> NAME/KEY: unsure
168 <222> LOCATION: (122)
169 <223> OTHER INFORMATION: n = any nucleotide
170 <220> FEATURE:
171 <221> NAME/KEY: unsure
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173 <223> OTHER INFORMATION: n = any nucleotide
174 <220> FEATURE:
175 <221> NAME/KEY: unsure
176 <222> LOCATION: (167)
177 <223> OTHER INFORMATION: n = any nucleotide
178 <220> FEATURE:
179 <221> NAME/KEY: unsure
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181 <223> OTHER INFORMATION: n = any nucleotide
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184 <222> LOCATION: (220)
185 <223> OTHER INFORMATION: n = any nucleotide
186 <220> FEATURE:
187 <221> NAME/KEY: unsure
188 <222> LOCATION: (233)
189 <223> OTHER INFORMATION: n = any nucleotide
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W--> 191 gccgagacag cccacgacg tgtggcccgt gtccaccgcg cnactacacg cagttctgga 60
W--> 192 antaactgga gcnctgccgc tactgnaacg tcctctgngg ggagcntgag gaggaggcan 120
W--> 193 gngcttgcca cgccaccac aaccgcgcct gcnctgcag caccggnttc ttcgcgcacg 180
W--> 194 ctgntttctg cttggagcac gcacgtgtgc cacctggtgn cggcgtgatt gcncgggca 240

PAGE: 5

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/157,289B

DATE: 08/03/1999
TIME: 16:22:43

Input Set: I157289B.RAW

```

195      cccccagcca gaacacgcat gcaaagccgt g                               271
196 <210> SEQ ID NO 6
197 <211> LENGTH: 201
198 <212> TYPE: DNA
199 <213> ORGANISM: Unknown
200 <220> FEATURE:
201 <221> NAME/KEY: unsure
202 <222> LOCATION: (182)
203 <223> OTHER INFORMATION: n = any nucleotide
204 <400> SEQUENCE: 6
205      gcagttcttg aactacctgg agcgtctgcc ctactgcaac gtcctctgcg gggagcgtga 60
206      ggaggaggca cgggcttgcc acgccacca caaccgtgcc tgccgtgcc gcaccggctt 120
207      cttcgcgcac gctggtttct gcttgagca cgcacgtgt ccacctggtg ccggcgtgat 180
W--> 208      tnccccgggc acccccagcc a                                         201
209 <210> SEQ ID NO 7
210 <211> LENGTH: 277
211 <212> TYPE: DNA
212 <213> ORGANISM: Unknown
213 <220> FEATURE:
214 <221> NAME/KEY: unsure
215 <222> LOCATION: (142)
216 <223> OTHER INFORMATION: n = any nucleotide
217 <400> SEQUENCE: 7
218      gaggggcccc caggagtggg ggccggaggt gtggcagggg tcaggttgct ggtcccagcc 60
219      ttgcacctg agctaggaca ccagttcccc tgacctgtt cttccctcct ggctgcaggc 120
W--> 220      acccccagcc agaacacgca gnccagccgt gccccccagg caccttctca gccagcagct 180
221      ccagctcaga gcagtgccag ccccaccgca actgcacggc cctgggcctg gccctcaatg 240
222      tgccaggctc ttcctcccat gacacctgt gcaccag                               277
223 <210> SEQ ID NO 8
224 <211> LENGTH: 199
225 <212> TYPE: DNA
226 <213> ORGANISM: Unknown
227 <220> FEATURE:
228 <221> NAME/KEY: misc_feature
229 <222> LOCATION: (1)..(199)
230 <223> OTHER INFORMATION: Description of Unknown Organism: UNKNOWN
231 <400> SEQUENCE: 8
232      gcatcgtgtc cacctgggtgc cggcgtgatt gccccgggca ccccagcca gaacacgcag 60
233      gcctagccgt gccccccagg caccttctca gccagcagct ccagctcaga gcagtgccag 120
234      ccccaccgca actgcacggc cctgggcctg gccctcaatg tgccaggctc ttcctcccat 180
235      gacacctgt gcaccagct                                         199
236 <210> SEQ ID NO 9
237 <211> LENGTH: 226
238 <212> TYPE: DNA
239 <213> ORGANISM: Unknown
240 <220> FEATURE:
241 <221> NAME/KEY: unsure
242 <222> LOCATION: (4)
243 <223> OTHER INFORMATION: n = any nucleotide
244 <220> FEATURE:

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Input Set: I157289B.RAW

Line	? Error/Warning	Original Text
92	W "N" or "Xaa" used: Feature required	atgaggtttn ttaaaaaaaa aaaaaaaaaa aaaa
115	W "N" or "Xaa" used: Feature required	antaactgga gcnctgccgc tactgnaacg tcctctgn
191	W "N" or "Xaa" used: Feature required	gccgagacag cccacgacg tgtggcccggt gtccaccg
192	W "N" or "Xaa" used: Feature required	antaactgga gcnctgccgc tactgnaacg tcctctgn
193	W "N" or "Xaa" used: Feature required	gngcttgcca cgccaccac aaccgcgcct gcngctgc
194	W "N" or "Xaa" used: Feature required	ctgntttctg cttggagcac gcacgtgtgc cacctggt
208	W "N" or "Xaa" used: Feature required	tnccccgggc acccccagcc a
220	W "N" or "Xaa" used: Feature required	acccccagcc agaacacgca gnccagccgt gcccccca
257	W "N" or "Xaa" used: Feature required	agcngtgcnc cncaggcacc ttctcagcca gcagttcc
259	W "N" or "Xaa" used: Feature required	cgctgtgcac cagctgcact ggcttcccc tcagcacc
278	W "N" or "Xaa" used: Feature required	cttgtccacc tggtgccggc gtgattnccc gggcacc
279	W "N" or "Xaa" used: Feature required	gccttcccc caggcacctt ctcagccagc agctccag
280	W "N" or "Xaa" used: Feature required	cgcaactgca acgcctgggn ctggccctca atgtgcca